Energy INFOcard

United States (1998)

PETROLEUM

Production (crude oil, NGPL)(MMbd) 8.0
Net imports (crude oil & refined products)(MMbd) 9.5
Other sources(refinery gain, alcohols, other)(MMbd) 1.2
Consumption (26% of world total in 1997) (MMbd) 18.7
Share of US oil consumption for transportation 65%
Dependence on foreign oil (net imports/consump.) 51%
Recoverable resources (yrs of current production) 73
Real world oil price (1998$/bbl) 1980(peak):$63 1998:$12

NATURAL GAS

Production(dry gas) (2nd in world to Russia) (tcf) 19.0
Consumption (27% of world total in 1997) (tcf) 21.3
Consumers: industrial *(incl. lease, plant, pipeline fuel)* 49%,
residential 21%, commercial 15%, electric utilities 15%
Share of consumption from Canadian imports 14%
Recoverable resources (yrs of current production) 75
Real wellhead price (1998$/Mcf) $1.96 vs. $3.99 in 1983

COAL

Production (2nd in world after China) (billion tons) 1.12
Share produced West of the Mississippi 49%
Share produced from surface mining 61%
Exports as percent of production 7%
Electricity generation share of consumption 90%
Productivity: 6.0 tons/miner-hour(1997) vs 1.8 t/m-hr(1977)
Recoverable reserves (yrs of current production) 240+

ELECTRICITY

Utility net generation (trillion kilowatthours) 3.21
Coal 56%, Nuclear 21%, Gas 10%, Hydro 9%, Oil 3%
Nonutility net generation (billion kilowatthours) 407
Gas 55%, Coal 16%, Wood & Waste 13%, Oil 8%, Hydro 5%, Geothermal 2%, Wind 1%
Sales: residential 35%, commercial 29%, industrial 33%
Emissions (million tons) CO_2--2656, SO_2--14, NO_x--9

(1997)				
	Coal fired	*76%*	*92%*	*85%*
	Oil & gas fired	*17%*	*6%*	*14%*
	Biomass fired	*7%*	*2%*	*1%*

Units:
MMbd = million barrels per day; Mcf = thousand cubic feet
tcf = trillion cubic feet; kWh = kilowatthour; MM = million

Most recent annual data available as of 5/31/1999
Source: Energy Information Administration, U.S. Department of Energy.

NUCLEAR

Number of operable generating units 104
Capacity (million kilowatts) 97
Capacity Factor 78% in 1998 vs. 63% in 1988

RENEWABLE ENERGY

Consumption (quadrillion Btu) 7.1
Hydropower 51%, Wood 34%, Waste 8%, Other(ethanol, geothermal, solar, wind) 7%
Renewable share of total energy consumption 8%

TOTAL ENERGY and EFFICIENCY OF USE

Total Primary Energy Production (quadrillion Btu) 73
Coal 33%, Gas 27, Oil 21, Nuclear 10, Renewable 9%
Total Consumption (quadrillion Btu) 94
Coal 23%, Gas 23%, Oil 39, Nuclear 8, Renewable 8%
Energy-related CO_2 emissions (MM tonnes C)(1997) 1480
industrial 33%, transportation 32%, resid.&comm. 35%
(Emissions from electricity generation are distributed to end-use)
Decline in Energy/GDP ratio since 1973 1.7%/yr
Number of households (million)(1997) 101
Heated by: Gas 52%, Elect.30, Oil 9,Propane 4,Wood 2%

World (1997)

Primary energy production (quadrillion Btu) 382
Coal 24%, Gas 22%, Oil 40%, Hydro 7%, Nuclear 6%
(Dispersed renewables, primarily firewood, are not included)
World energy consumption (quadrillion Btu) 380
US 25%, China 10%, Russia 7, Japan 6, Germany 4%
Per capita consumption (selected countries)(million Btu):
US 352, Russia 181, Germany 173, Japan 169, China 30
Energy-related CO_2 emissions (MM tonnes carbon) 6232
US 24%,W.Europe 16%,China 13,Russia 7,Japan 5%
Crude oil production (1998) (million bbls/day) 67
US 9%, OPEC 43%, Persian Gulf 29%
Electricity generation (trillion kilowatthours) 13.2
US 27%, W.Europe 20%, China 8, Japan 7, Russia 6%
Nuclear share of electricity (selected countries):
France 79%, Germany 31%, Japan 31%, UK 28, US 18%
Share of world nuclear electricity generation (5 largest):
US 28%, France 17%, Japan 14, Germany 7, Russia 5%
Retail gasoline price (regular,$/gal) (selected countries):
Germany 3.54, Japan 3.27, Australia 2.05, US 1.23

Btu Equivalents: *1 bbl crude oil: 5.8 million; 1 Mcf gas: 1.03 million; 1 kWh electric: 3.4 thousand; 1 ton coal: ~22 million;*

For further information, please contact the National Energy Information Center (202-586-8800 or infoctr@eia.doe.gov) or visit our Web site: www.eia.doe.gov